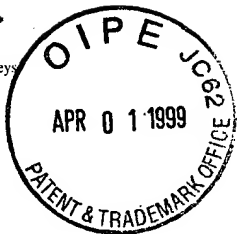


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GAU 2788 #4  
U.S. PATENT APPLICATION NO. 09/004,040  
Docket No.: T2701.DIV

INTELLECTUAL PROPERTY LAW  
PATENTS, TRADEMARKS,  
COPYRIGHTS, UNFAIR  
COMPETITION AND  
RELATED MATTERS

State Bar Admissions Include:  
Utah, California,  
New Jersey and Texas.

**LAS VEGAS OFFICE**

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\*\*Admitted in Nevada

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **Group 2700**

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT:  
BEFORE PAYMENT OF ISSUE FEE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

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MAY 07 1999  
**Group 2700**

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- X Form PTO-1449 list of 6 references submitted for consideration.
- X Legible copies of the listed references or their relevant portions.
- All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

- Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

Commissioner of Patents  
and Trademarks  
Page 2

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- ☐ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.
- ☐ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

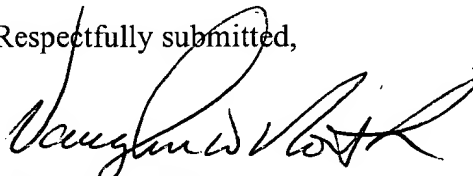
In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

- ☐ Promptness Certification.
- ☐ Check No. \_\_\_\_ in the amount of \$ (amount in § 1.17(p)) constituting the submission fee set forth in 37 C.F.R. § 1.17(p).
- ☐ Petition for Consideration and Check No. \_\_\_\_ in the amount of \$(amount in § 1.17(i)(1)) constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Promptness Certification meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 27 day of March, 1999.

Respectfully submitted,



Vaughn W. North  
Customer No. 20444  
Attorney for Applicant  
Registration No. 27,930

THORPE, NORTH & WESTERN, L.L.P.  
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VWN/jmw

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PATENT APPLICATION NO. 09/004,040  
DOCKET NO. T2701.DIV

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Ivie  
SERIAL NO.: 09/004,040  
FILED: January 7, 1998  
FOR: INFORMATION  
COMMUNICATION SYSTEMS  
ART UNIT: 2786  
EXAMINER: Not assigned  
DOCKET NO.: T2701.DIV

**CERTIFICATE OF DEPOSIT  
UNDER 37 C.F.R. § 1.8**

I hereby certify that this  
correspondence is being deposited  
with the United States Postal  
Service as First Class Mail, postage  
prepaid, under 37 C.F.R. § 1.8 on  
the date indicated below and is  
addressed to Assistant  
Commissioner of Patents,  
Washington, D.C. 20231.

*Vaughn W. North*  
Vaughn W. North

*Mar 29 1999*  
Date of Deposit

**RECEIVED**

**APR 05 1999**

**Group 2700**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner of Patents  
Washington, D.C. 20231

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**MAY 07 1999**

**Group 2700**

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to 37 C.F.R. § 1.97 (b)(1), within three months of the filing date of the application or before a first office action, and requests that the references cited in the enclosed form PTO-1449 be made of record in the above-captioned application. While no representation is made that any of these references may be "prior art" within the meaning of

Assistant Commissioner of Patents

Page 2

that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is also enclosed.

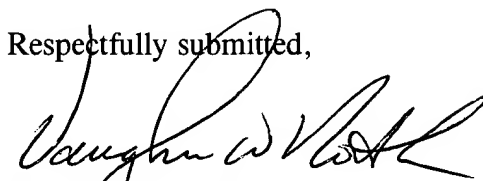
For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Assistant Commissioner of Patents  
Page 3

Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

DATED this 27 day of Mar, 1999.

Respectfully submitted,

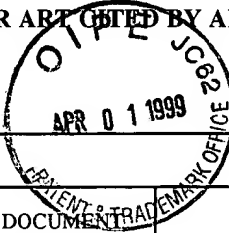
A handwritten signature in black ink, appearing to read "Vaughn W. North". The signature is fluid and cursive, with the first name being the most prominent.

Vaughn W. North  
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Registration No. 27,930

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PTG-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T2701.DIV		SERIAL NO. 09/004,040	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> 				APPLICANT Ivie			
				FILING DATE January 7, 1998		GROUP 2786	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3,665,129	May 23, 1972	Lancaster			<b>RECEIVED</b> <b>APR 05 1999</b> <b>Group 2700</b>
	AB	4,096,359	Jun. 20, 1978	Barsellotti			
	AC	4,140,885	Feb. 20, 1979	Verhagen			
	AD	4,578,545	Mar. 25, 1986	Phillipson			
	AE	4,607,144	Aug. 19, 1986	Carmon et al.			
	AF	4,919,544	Apr. 24, 1990	Graham			<b>RECEIVED</b> <b>MAY 07 1999</b> <b>Group 2700</b>
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
<b>OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)</b>							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							